

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

BRIAN M. SCALLY

GB 000178

Serial No.

Filed: CONCURRENTLY

COMPRESSED-DATA PROCESSING ARRANGEMENT AND RELATED METHOD

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination,  
please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. (Amended) An arrangement as claimed in Claim 1, wherein  
the de-multiplexing means (48) comprises a single de-  
multiplexer arranged to provide for common processing and de-  
multiplexing of all data within the data stream substantially  
at the same time.

4. (Amended) An arrangement as claimed in Claim 1, wherein  
the pointers are arranged to identify buffer pointer off-set  
collections within the sectors of data stored within the

common buffer (50).

5. (Amended) An arrangement as claimed in Claim 1, wherein the pointers are arranged to determine the location of data sectors in the common buffer (50), and such that the data is then referenced by a list of pointers (62) seeking to identify the order of the groups of sectors.

6. (Amended) An arrangement as claimed in Claim 1, when the pointer memory (52) is arranged to include a second list of pointers (66) serving to identify the location of packets of data and also to identify the data contained therein.

7. (Amended) A DVD player including a compressed-data processing arrangement as claimed in Claim 1.

8. (Amended) A set-top-box arrangement including a compressed-data processing arrangement as claimed in Claim 1.

11. (Amended) A method as claimed in Claim 9, and including the step of employing the pointers to identify buffer pointer off-set collections within the sectors of data stored within the common buffer (50).

12. )Amended) A method as claimed in Claim 9, and including the steps of arranging the said pointers to determine the

location of data sectors in the common buffer, and then  
referencing the said data by the list of pointers seeking to  
identify the order of the groups of sectors.

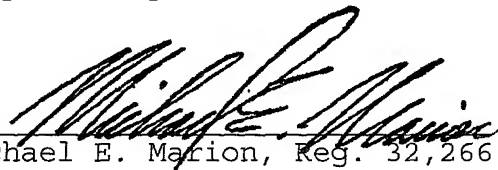
13. (Amended) A method as claimed in Claim 9, and including  
arranging the pointer memory to include a second list of  
pointers (62) serving to identify the location of packets of  
data and also to identify the data contained therein.

REMARKS

The foregoing amendments to claims 3-8 and 11-13 were  
made solely to avoid filing the claims in the multiple  
dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues  
of patentability and Applicant respectfully reserves all  
rights he may have under the Doctrine of Equivalents.  
Applicant furthermore reserves his right to reintroduce  
subject matter deleted herein at a later time during the  
prosecution of this application or continuing applications.

Respectfully submitted,

By   
Michael E. Marion, Reg. 32,266  
Attorney  
(914) 333-9641

## APPENDIX

3. (Amended) An arrangement as claimed in Claim 1 ~~or 2~~, wherein the de-multiplexing means (48) comprises a single de-multiplexer arranged to provide for common processing and de-multiplexing of all data within the data stream substantially at the same time.

4. (Amended) An arrangement as claimed in Claim 1, ~~2 or 3~~, wherein the pointers are arranged to identify buffer pointer off-set collections within the sectors of data stored within the common buffer (50).

5. (Amended) An arrangement as claimed in claim 1 ~~any one of Claims 1-4~~, wherein the pointers are arranged to determine the location of data sectors in the common buffer (50), and such that the data is then referenced by a list of pointers (62) seeking to identify the order of the groups of sectors.

6. (Amended) An arrangement as claimed in claim 1 ~~any one of Claims 1-4~~, when the pointer memory (52) is arranged to include a second list of pointers (66) serving to identify the location of packets of data and also to identify the data contained therein.

7. (Amended) A DVD player including a compressed-data

processing arrangement as claimed in claim 1 ~~any one of~~  
~~Claims 1-6.~~

8. (Amended) A set-top-box arrangement including a  
compressed-data processing arrangement as claimed in claim 1  
~~any one of Claims 1-6.~~

11. (Amended) A method as claimed in Claim 9 ~~or 10~~, and  
including the step of employing the pointers to identify  
buffer pointer off-set collections within the sectors of data  
stored within the common buffer (50).

12. )Amended) A method as claimed in Claim 9, ~~10 or 11~~, and  
including the steps of arranging the said pointers to  
determine the location of data sectors in the common buffer,  
and then referencing the said data by the list of pointers  
seeking to identify the order of the groups of sectors.

13. (Amended) A method as claimed in Claim 9, ~~10 or 11~~, and  
including arranging the pointer memory to include a second  
list of pointers (62) serving to identify the location of  
packets of data and also to identify the data contained  
therein.